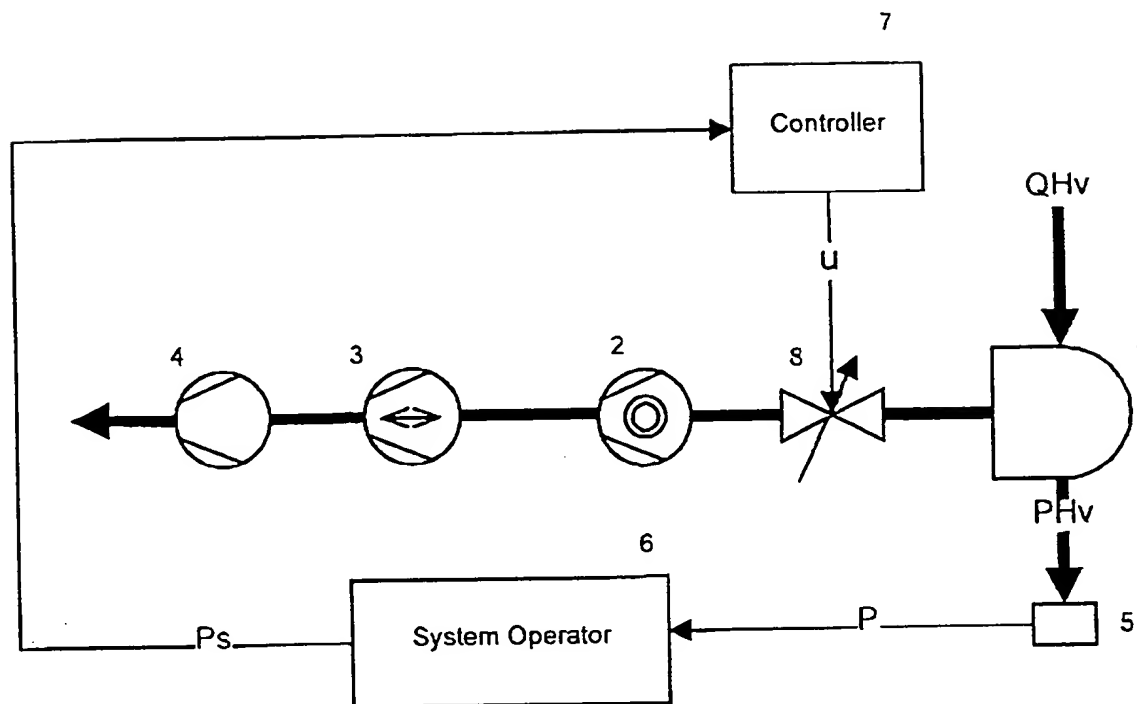


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Prior Art

Fig. 1

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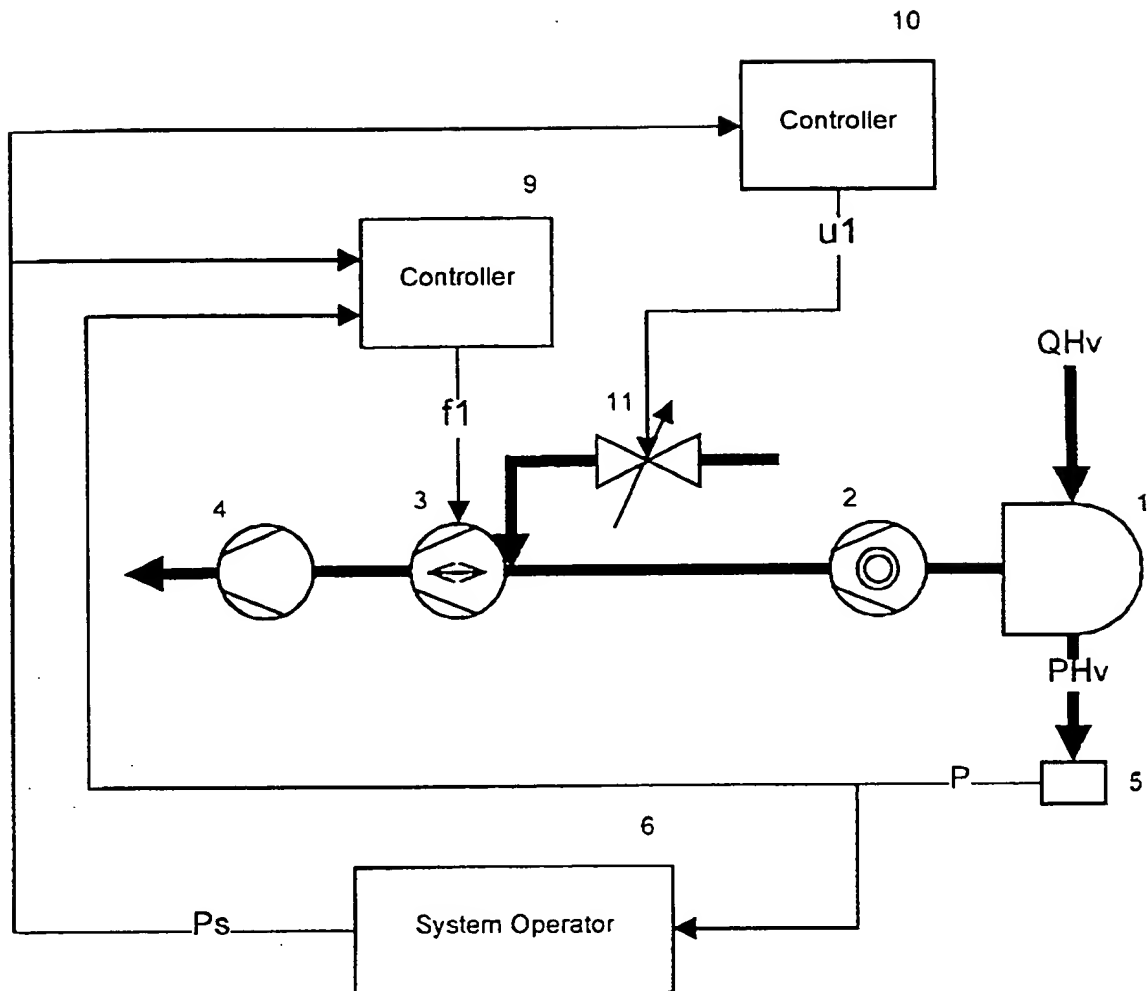


Fig. 2

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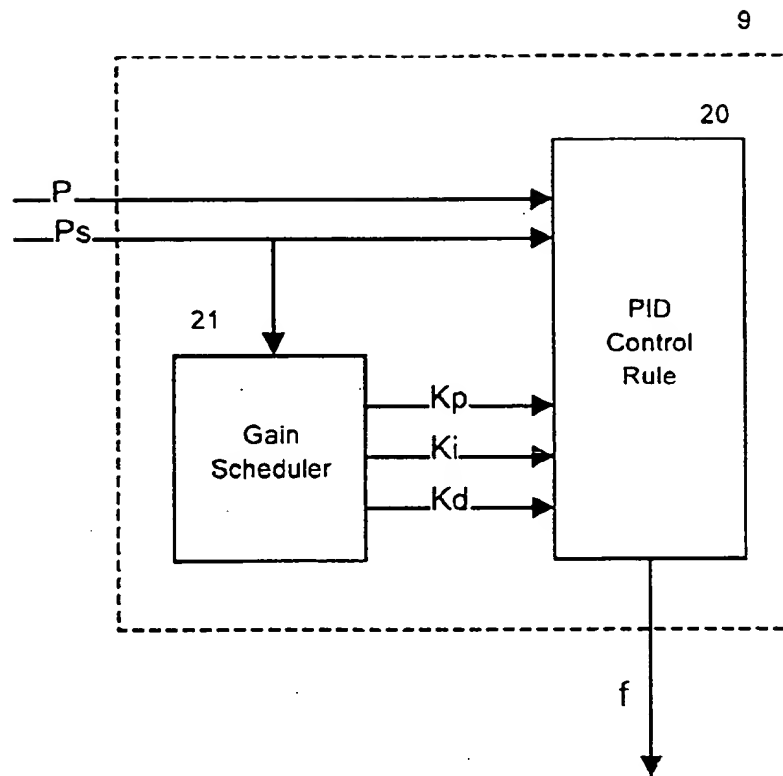


Fig. 3

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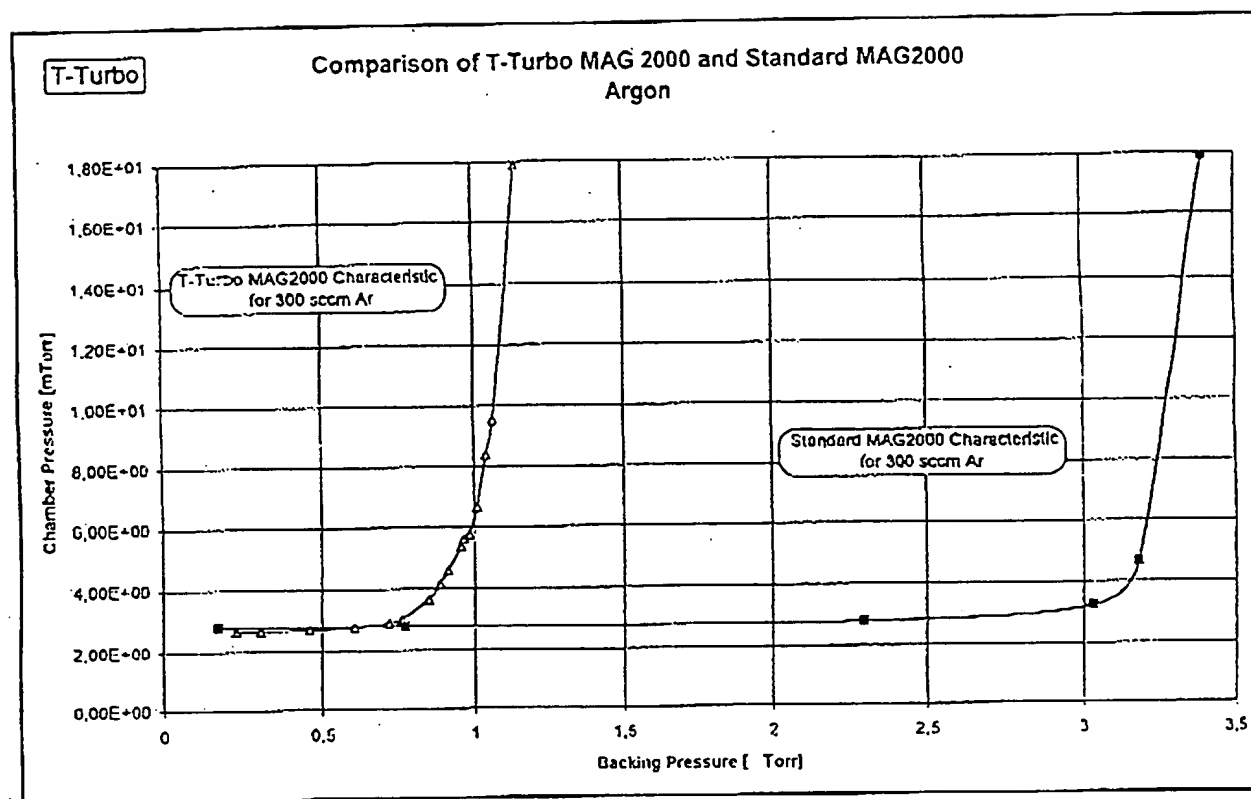


Fig. 4

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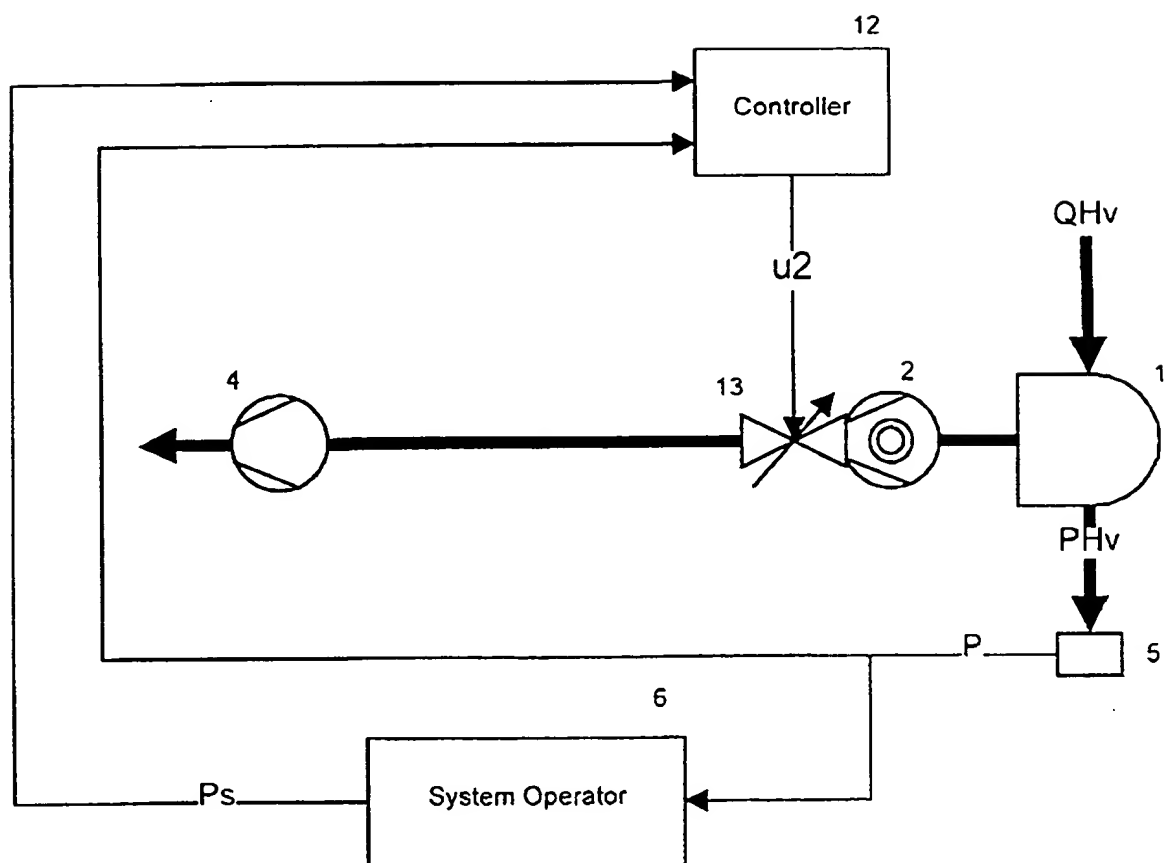


Fig. 5

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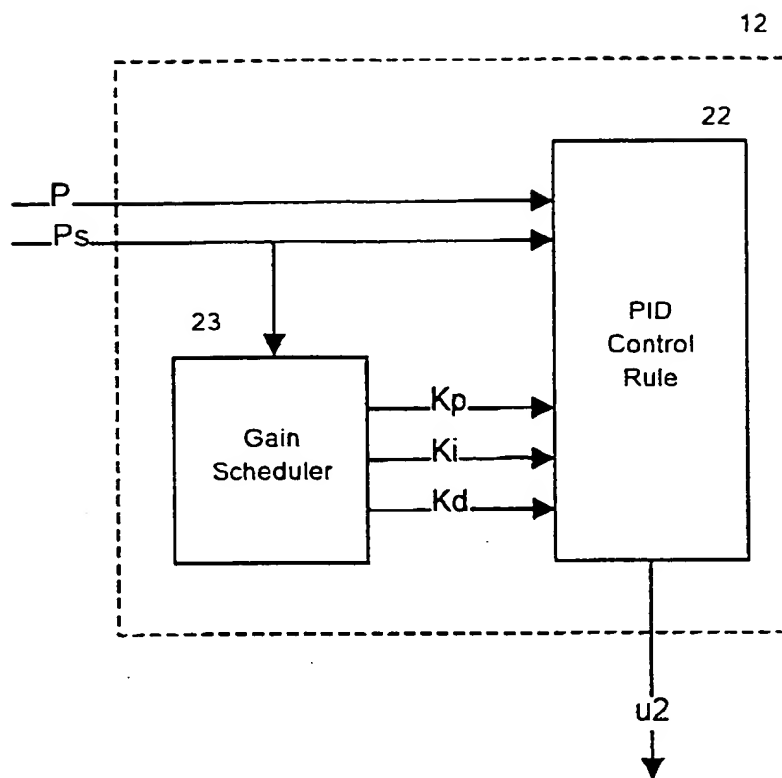


Fig. 6

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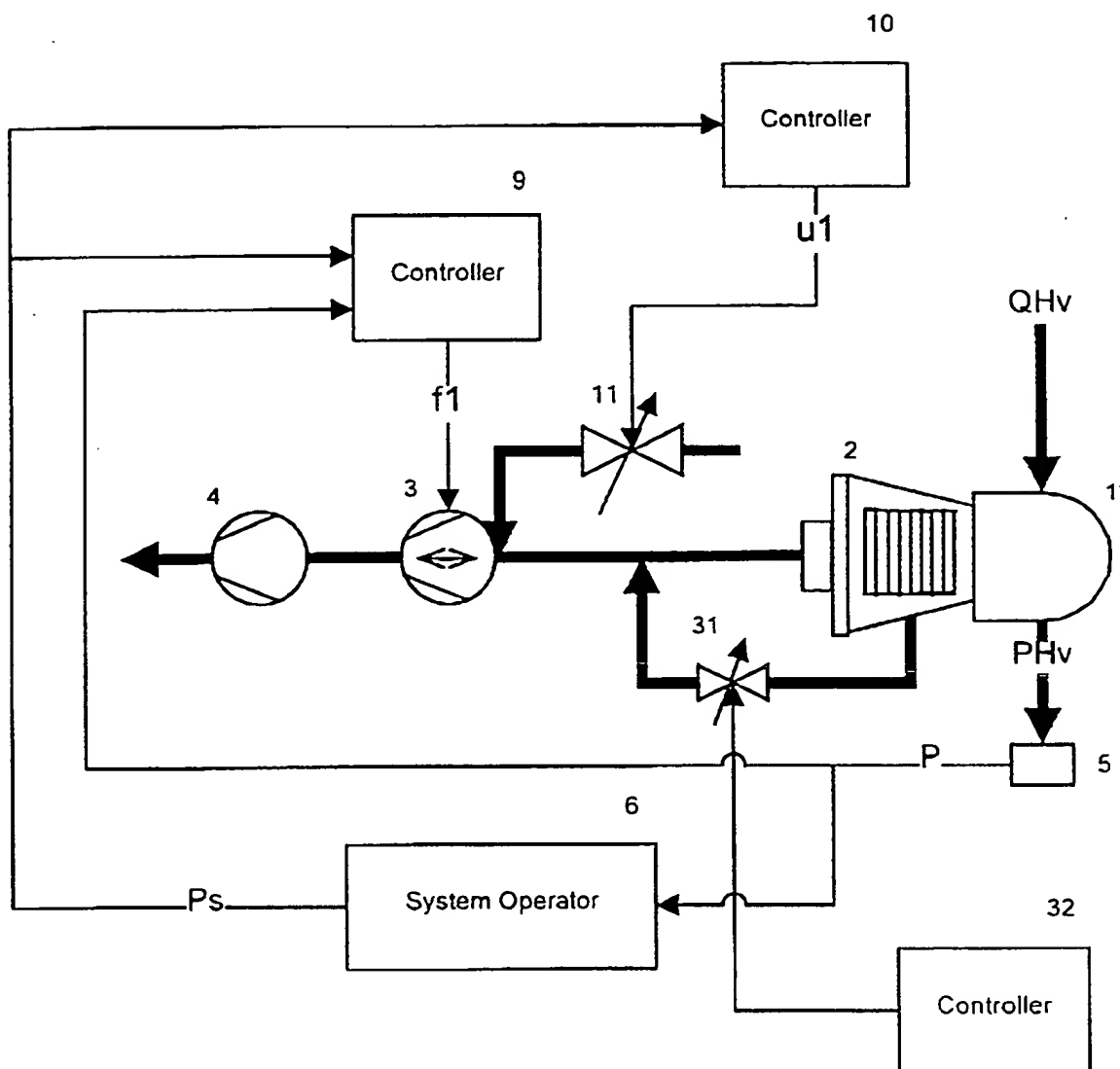


Fig. 7

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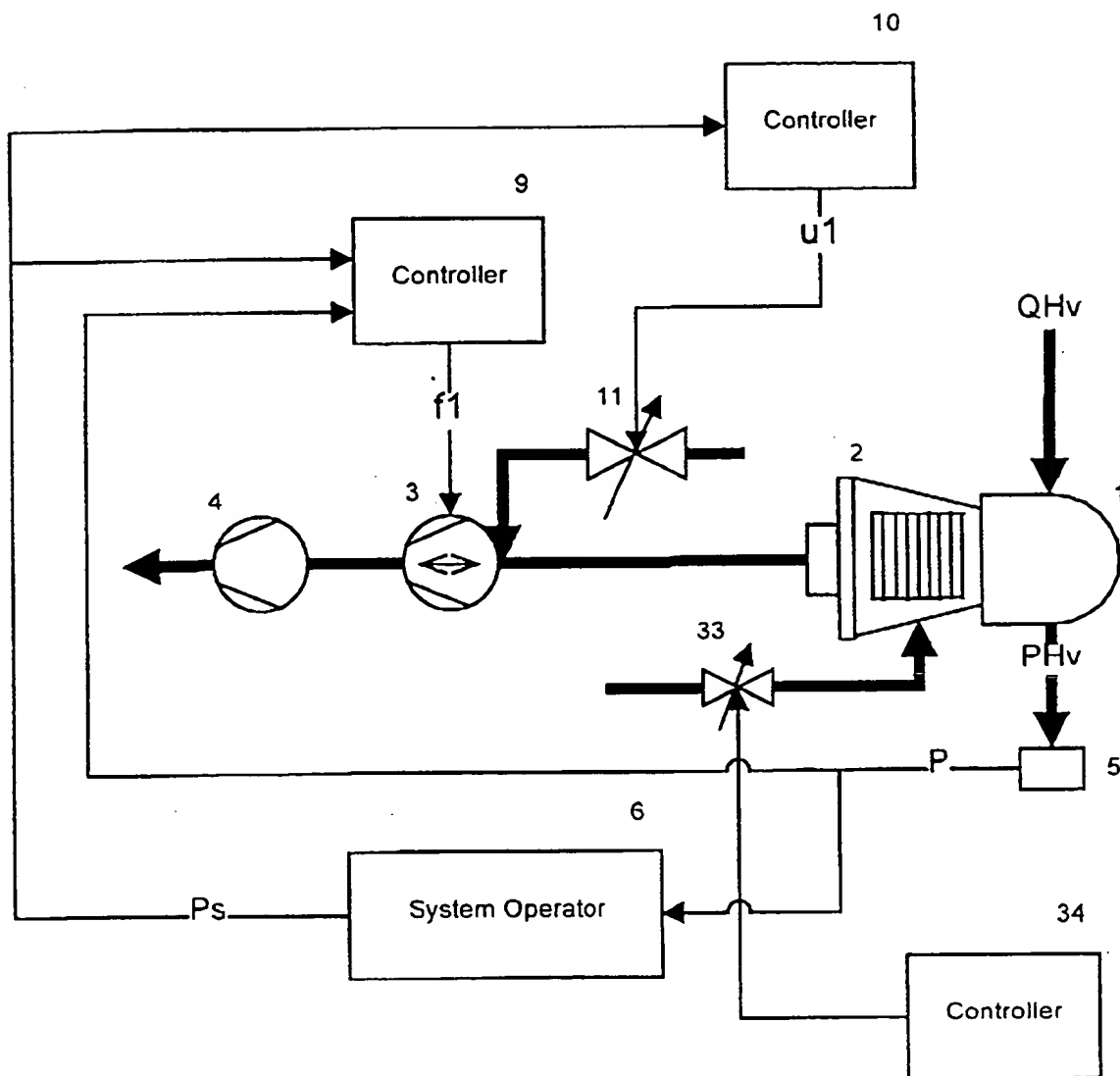


Fig. 8



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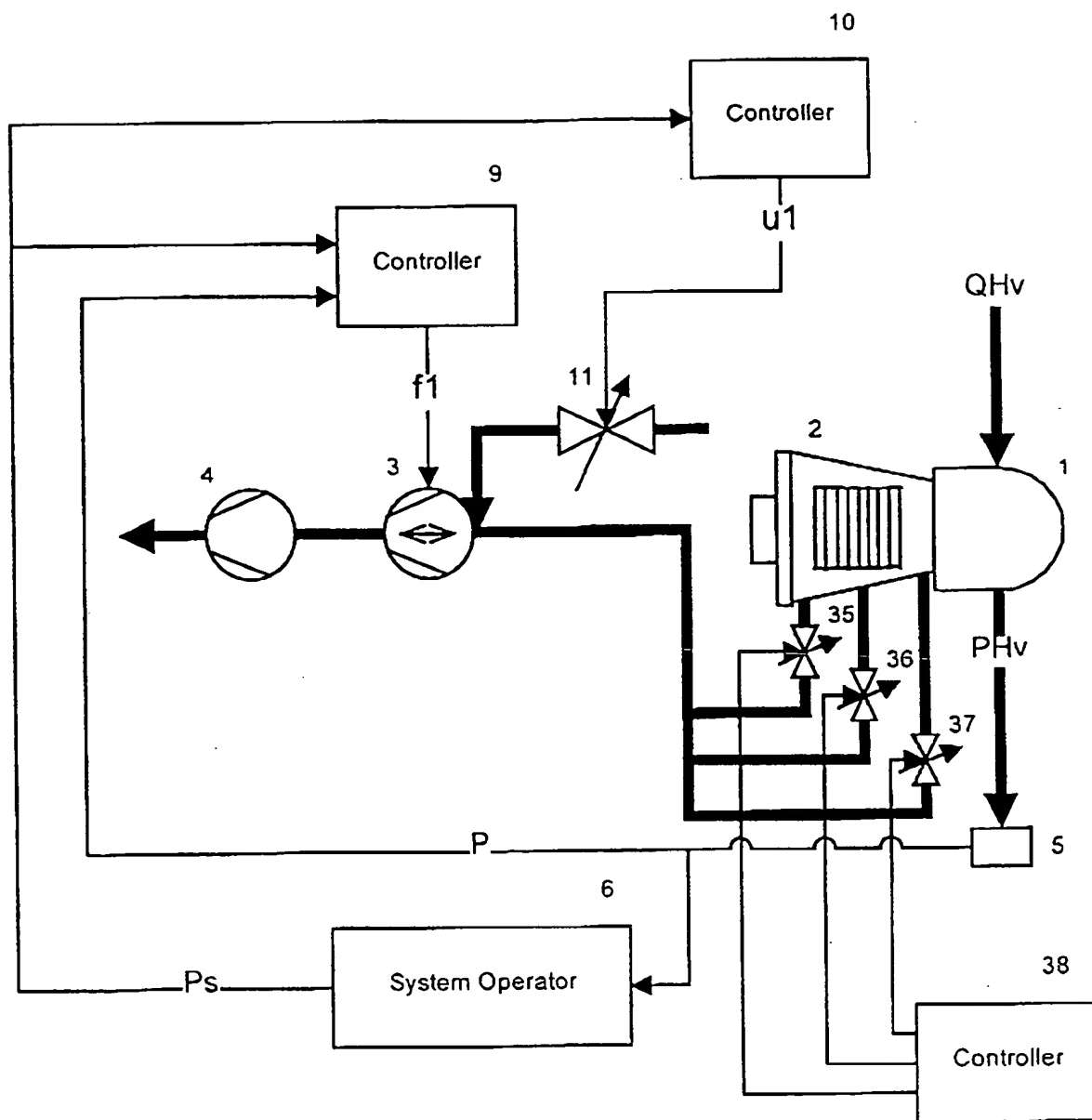


Fig. 9

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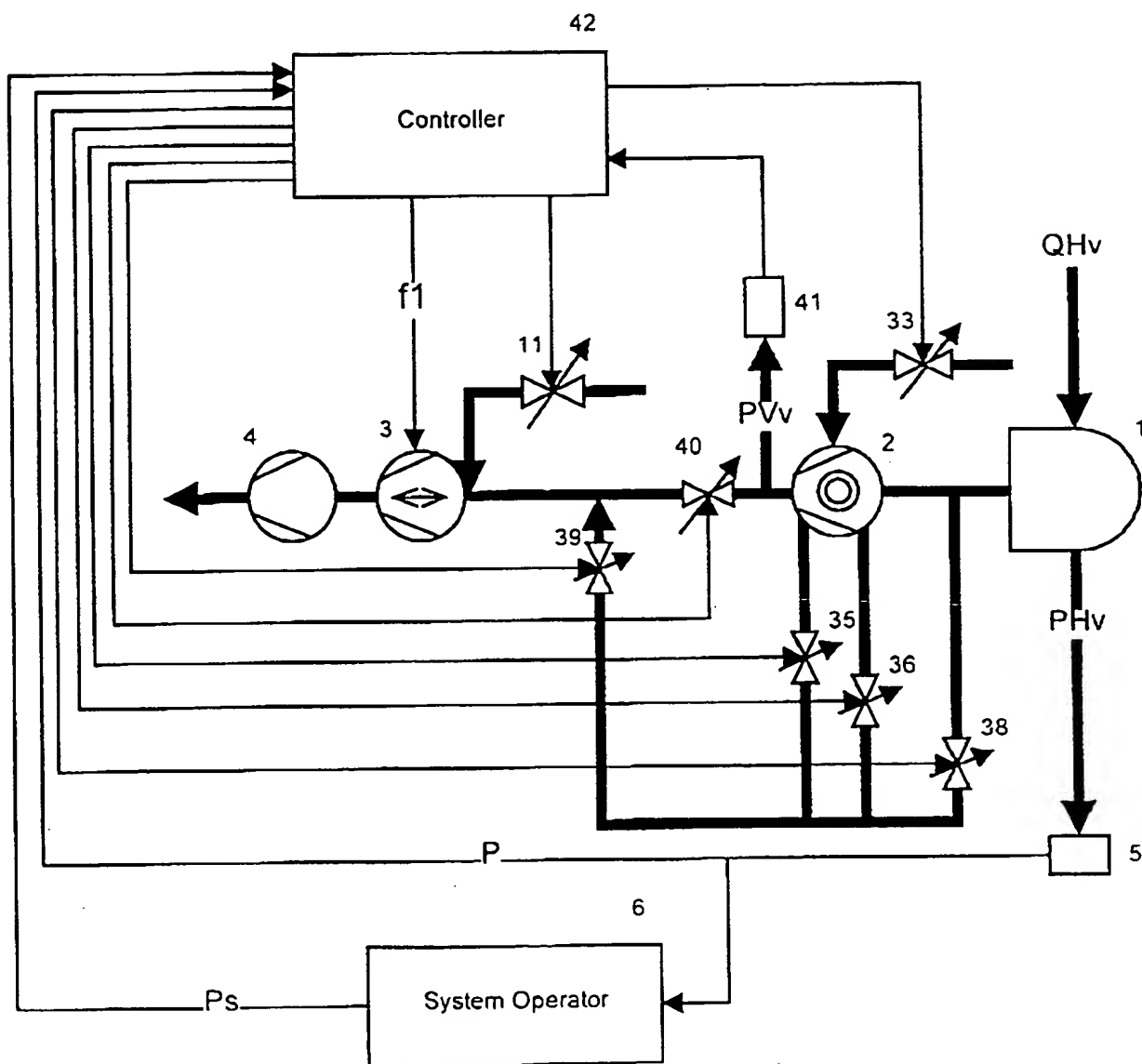


Fig. 10

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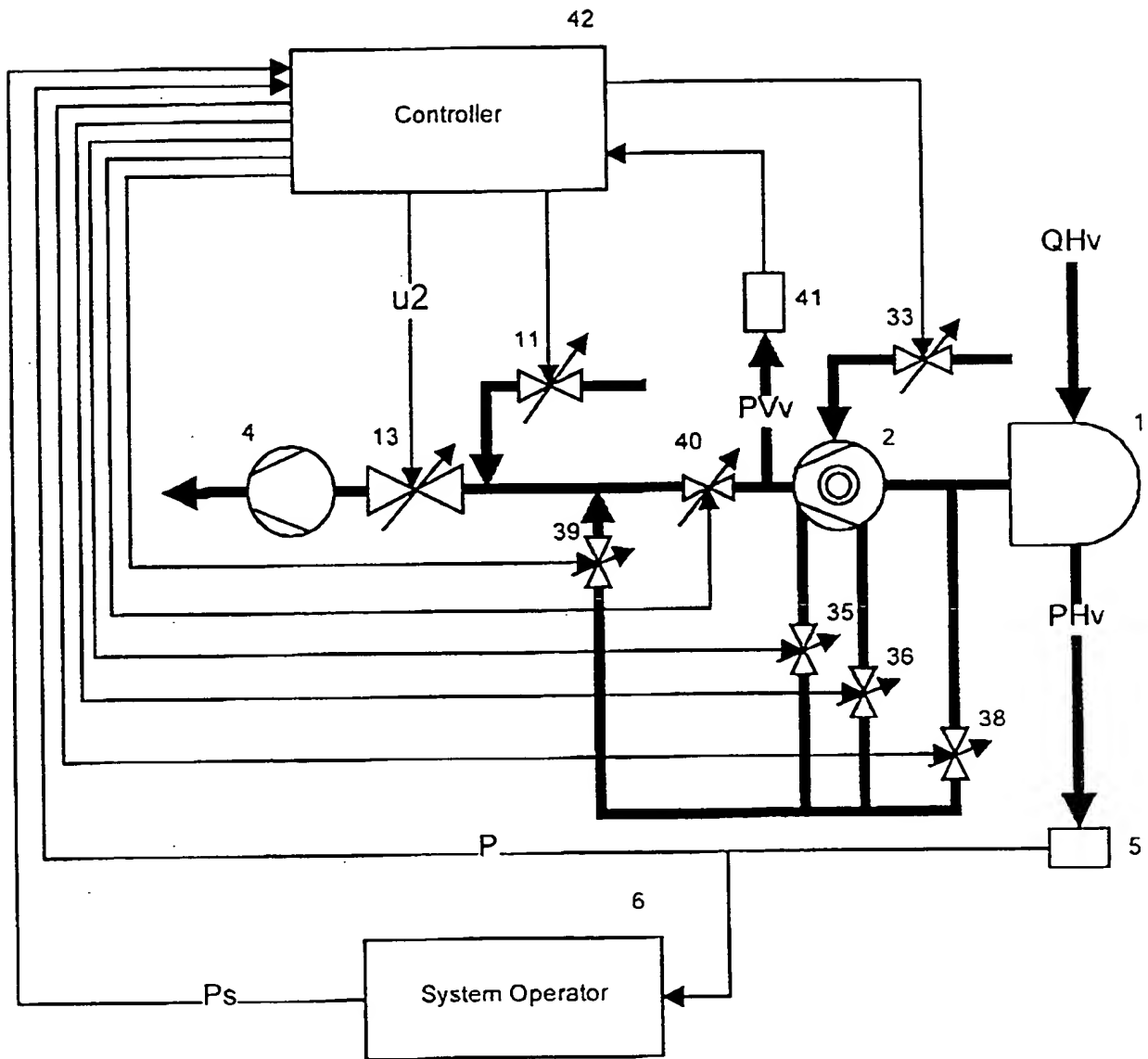


Fig. 11

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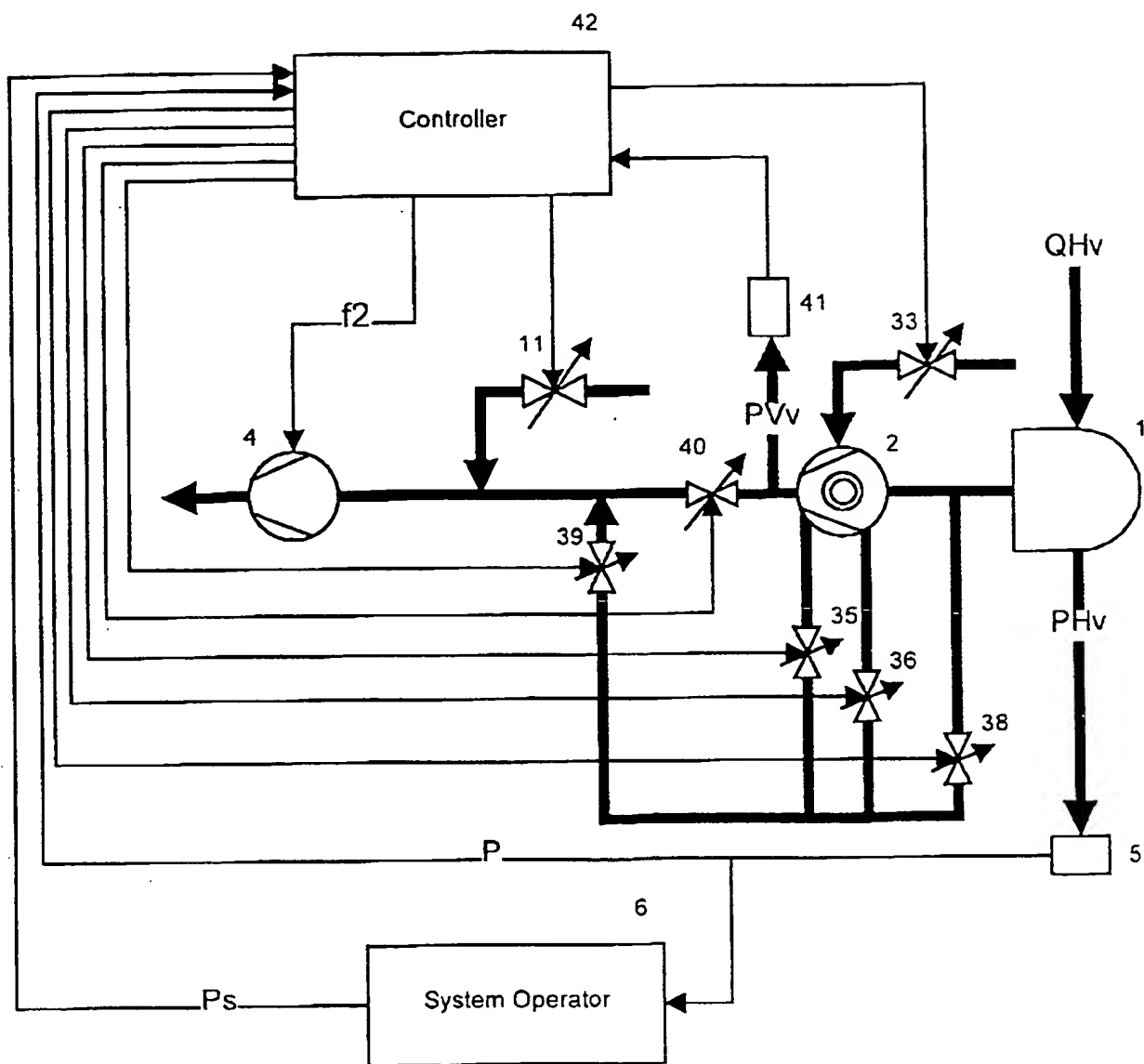


Fig. 12

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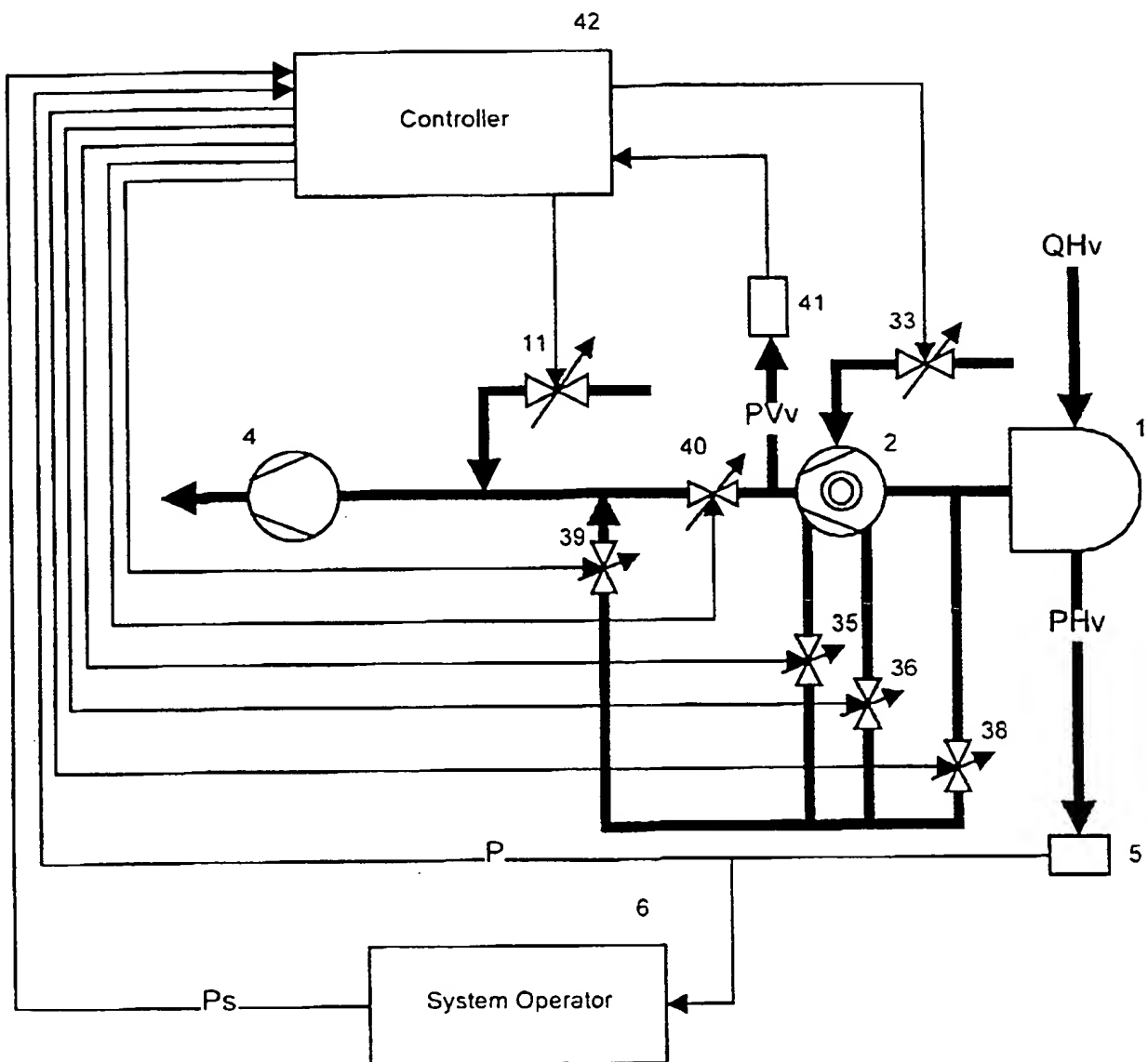


Fig. 13

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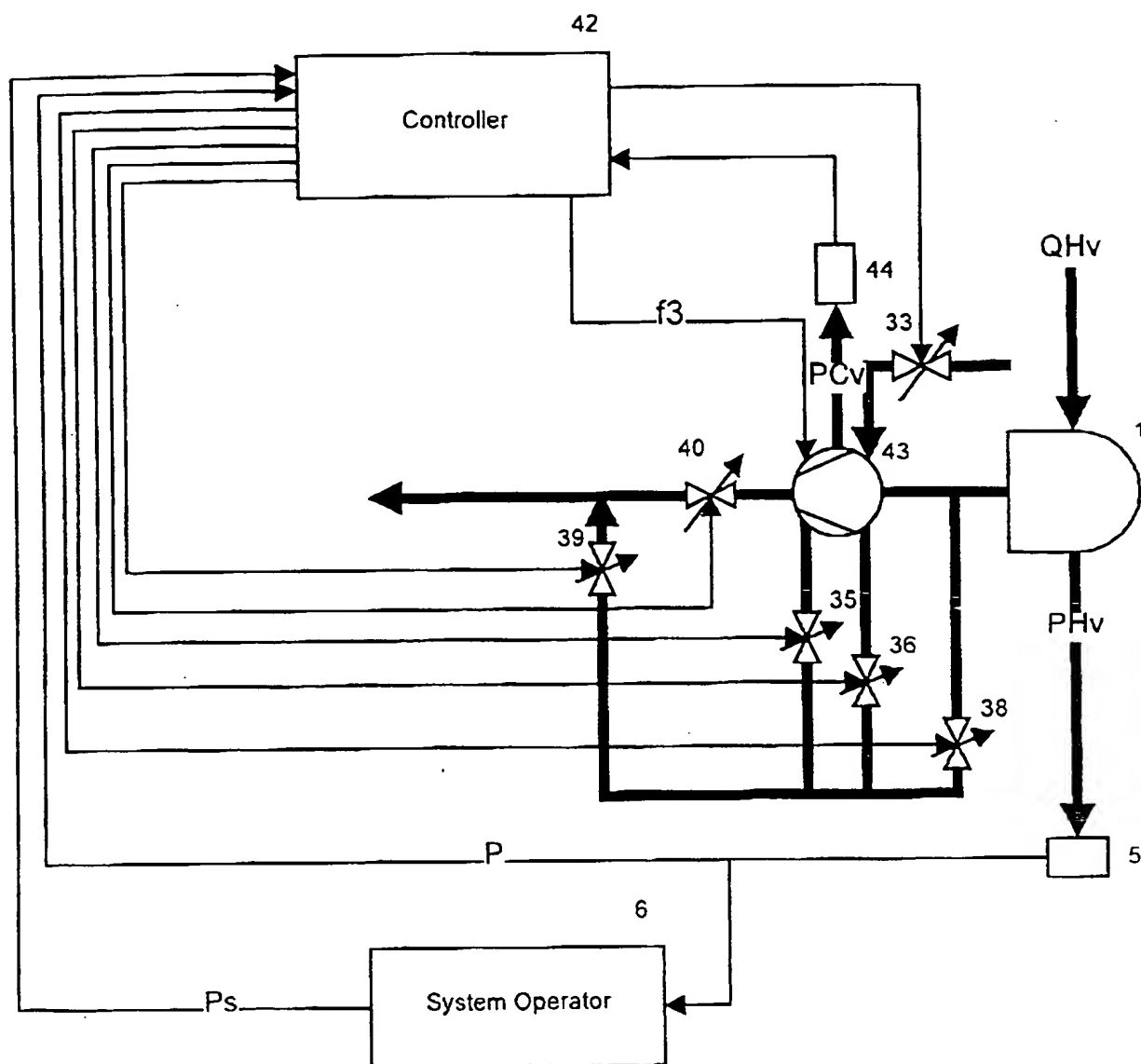


Fig. 14



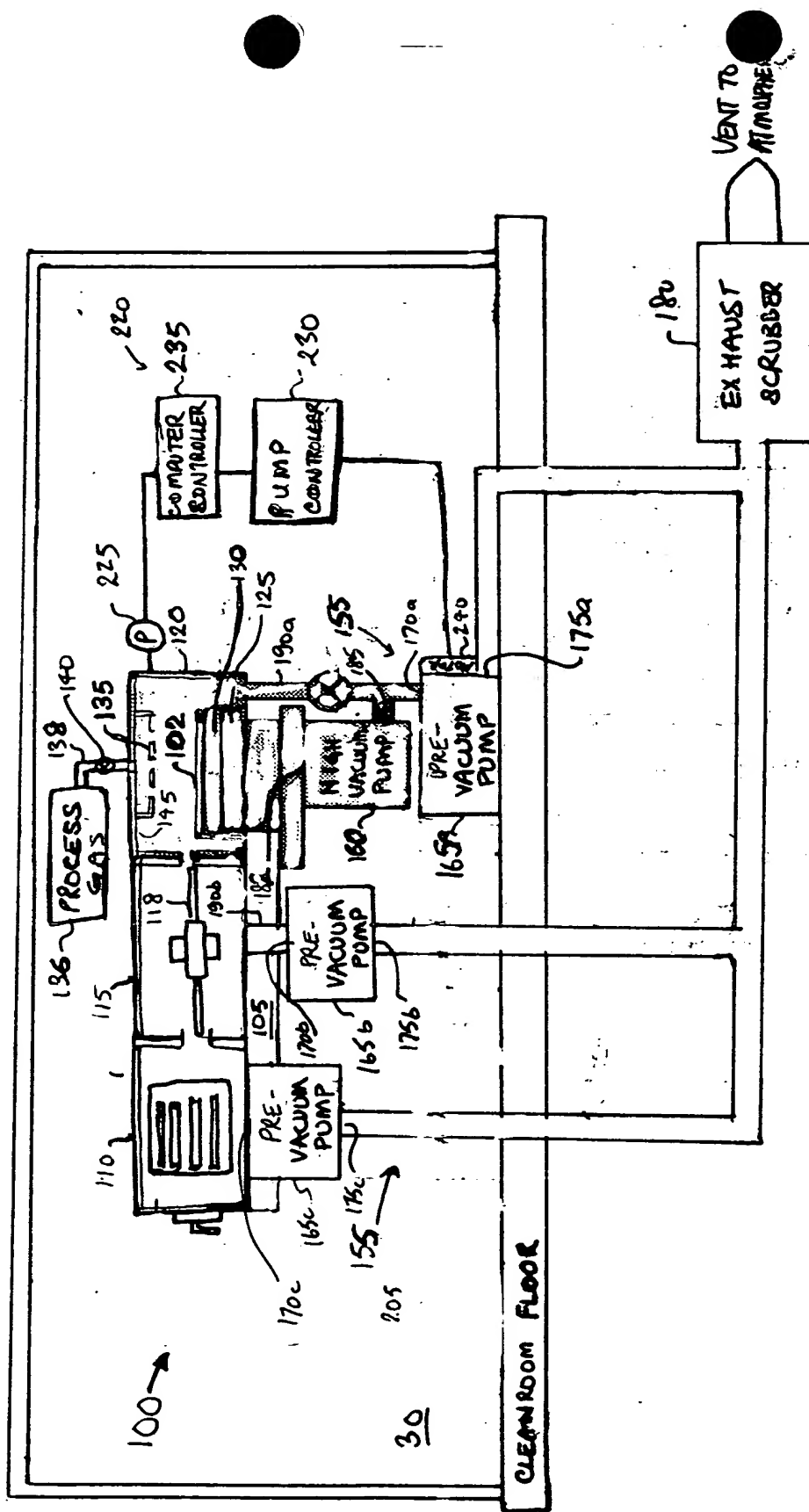


Fig. 2



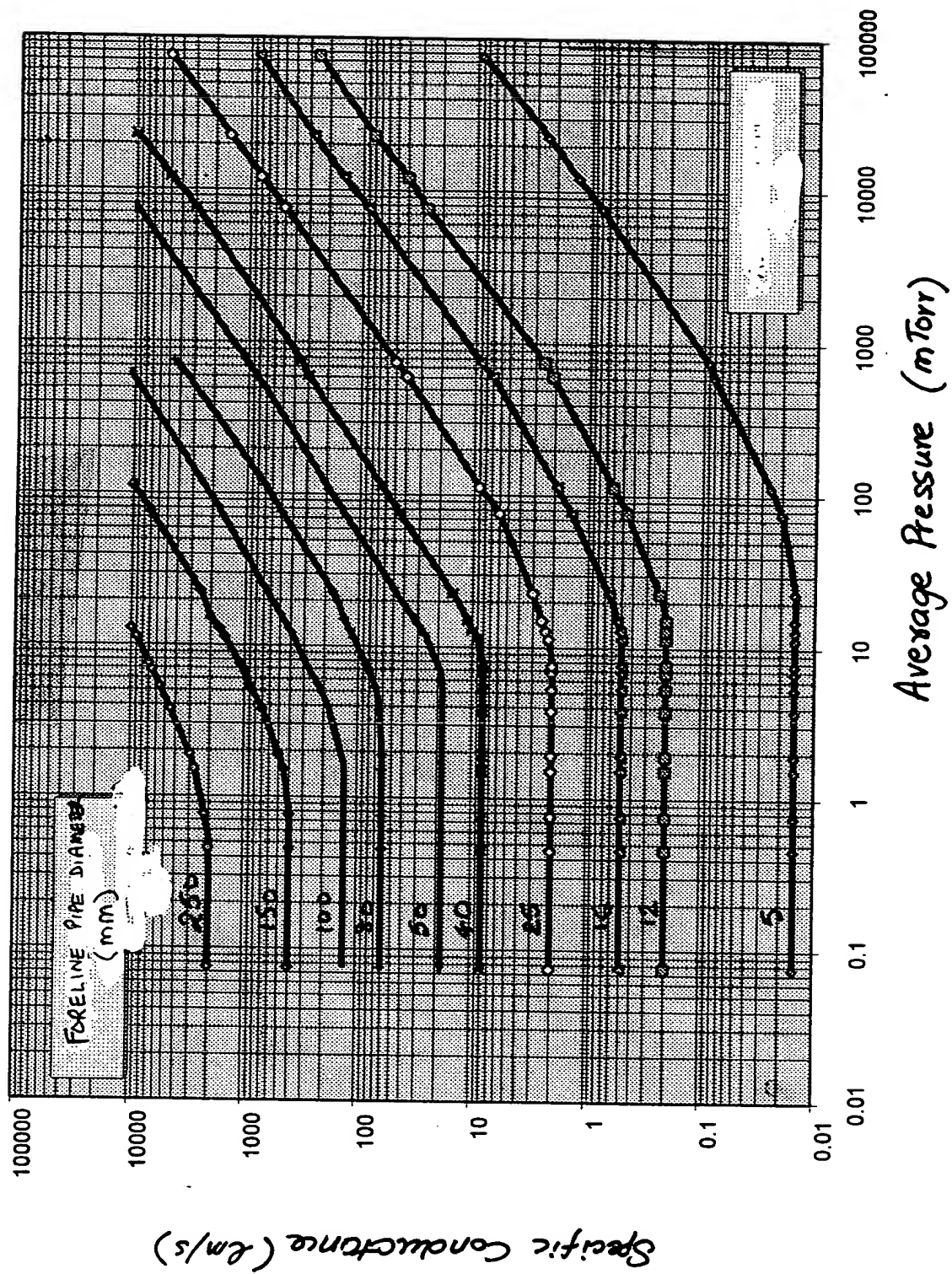


FIG. 3

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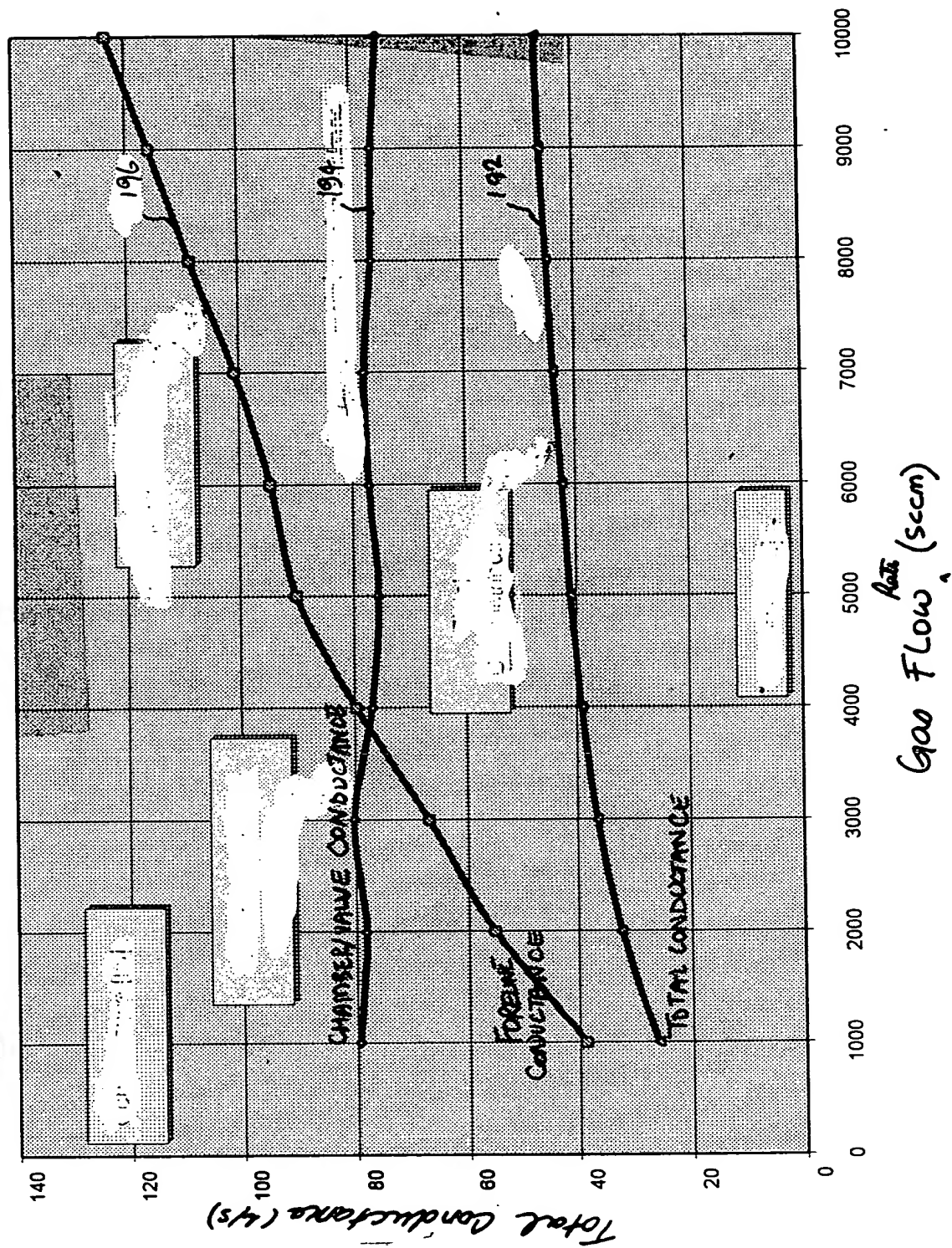


FIG 4

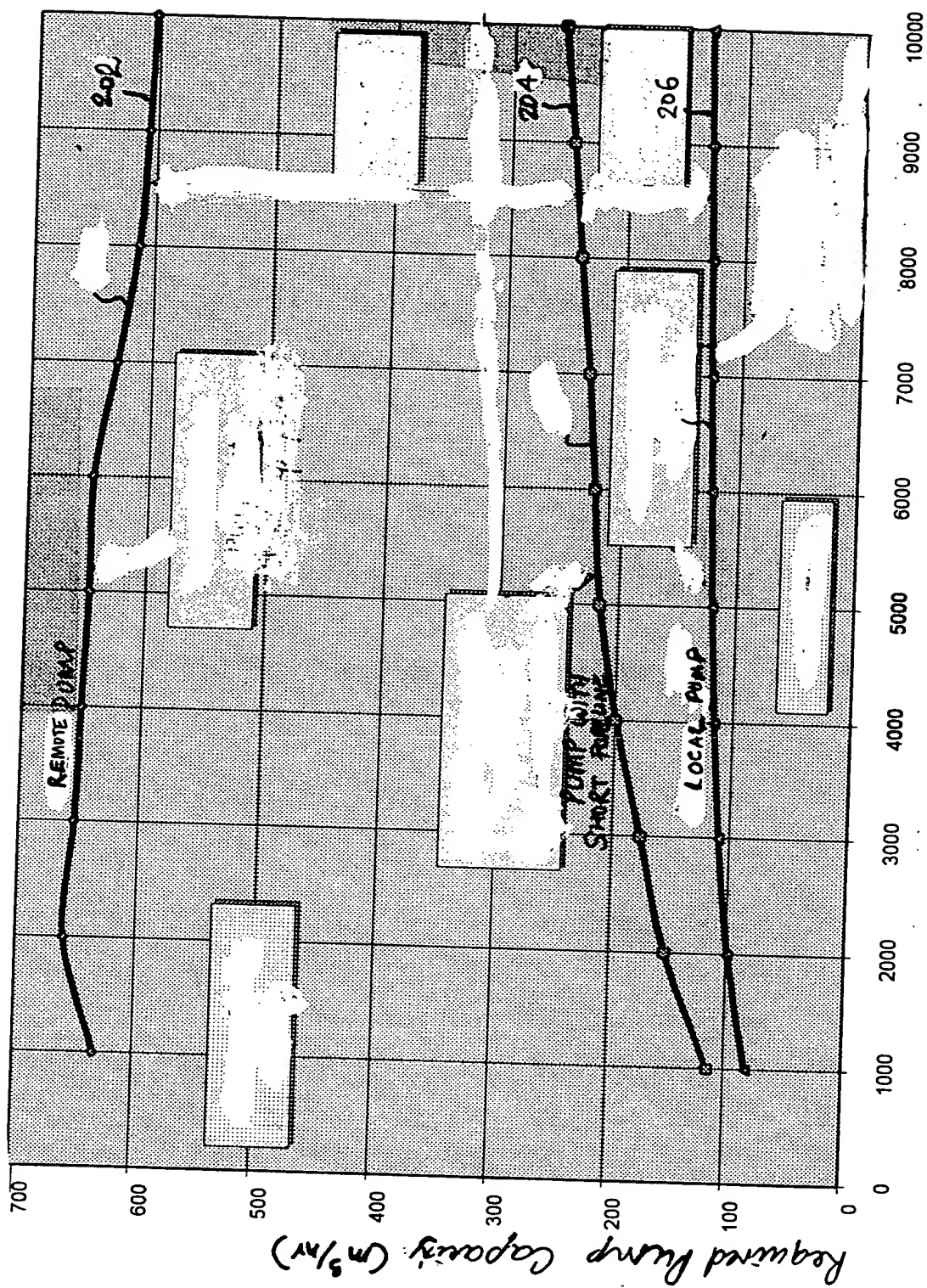


FIG. 5

Flow Rate (scm)

The graph plots Surface Area [m²] on the y-axis (0 to 7) against Foreline Length [m] on the x-axis (0 to 20). Seven curves are shown for different foreline diameters: 100, 80, 63, 50, 40, 25, and 16 mm. The 40 mm diameter curve is highlighted with a thick line. The curves show that surface area increases with both foreline length and diameter.

Foreline Length [m]	100 mm	80 mm	63 mm	50 mm	40 mm	25 mm	16 mm
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	1.2	0.8	0.6	0.4	0.3	0.2	0.1
4	2.4	1.6	1.2	0.8	0.6	0.4	0.2
6	3.6	2.4	1.8	1.2	0.9	0.6	0.3
8	4.8	3.2	2.4	1.6	1.2	0.8	0.4
10	6.0	4.0	3.0	2.0	1.5	1.0	0.5
12	7.2	4.8	3.6	2.4	1.8	1.2	0.6
14	8.4	5.6	4.2	2.8	2.1	1.4	0.7
16	9.6	6.4	4.8	3.2	2.4	1.6	0.8
18	10.8	7.2	5.4	3.6	2.7	1.8	0.9
20	12.0	8.0	6.0	4.0	3.0	2.0	1.0

6

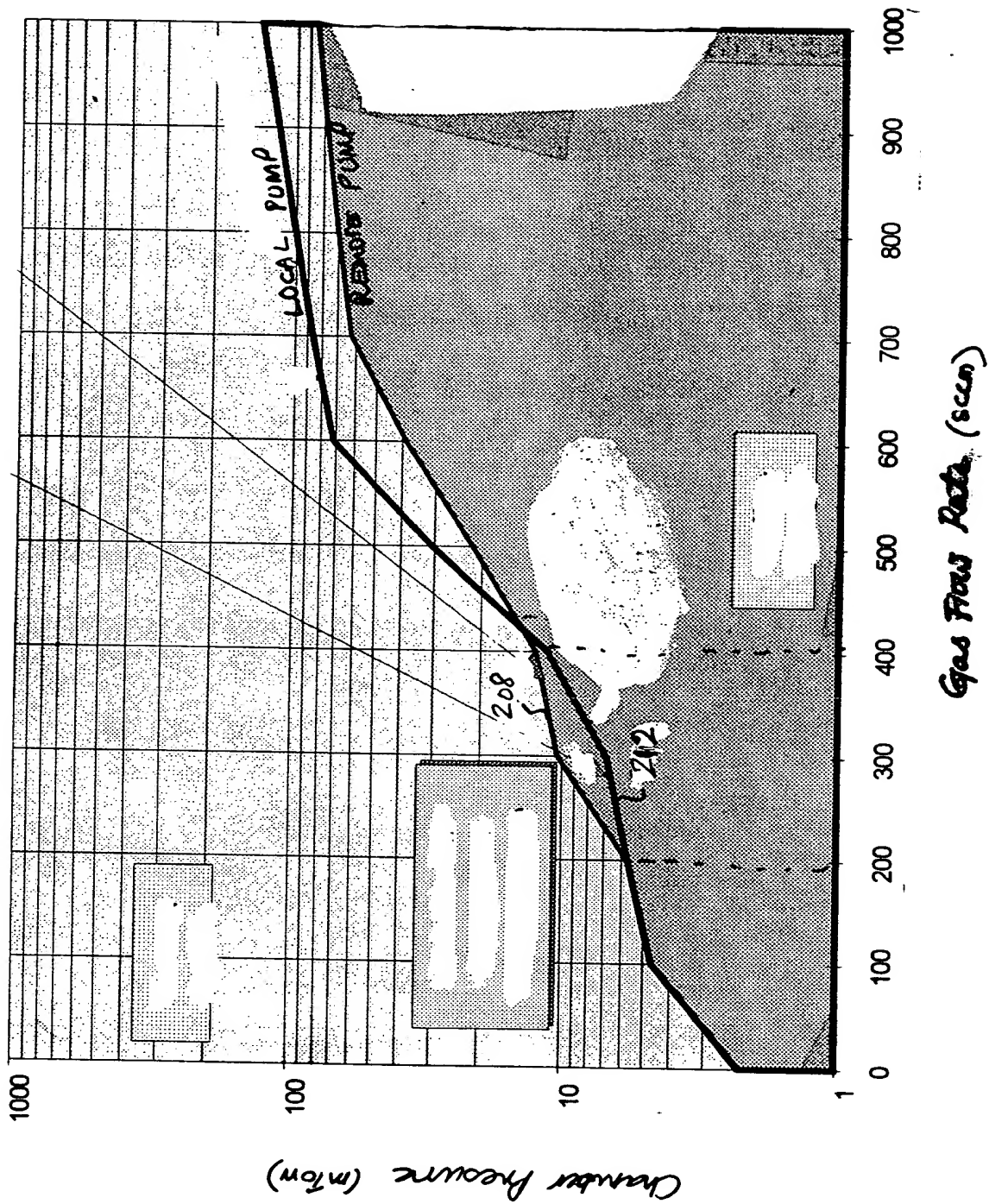


Fig 7

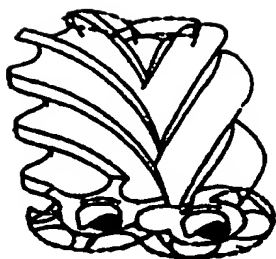


Fig 8a

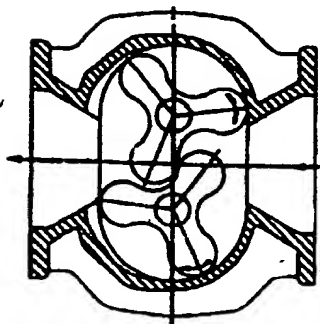


Fig 8b

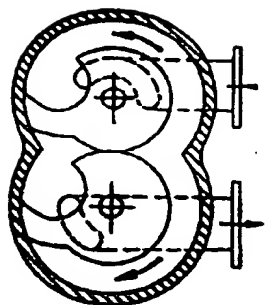


Fig 8c

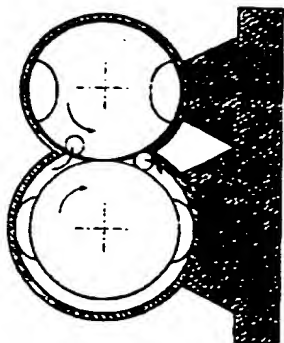


Fig 8d

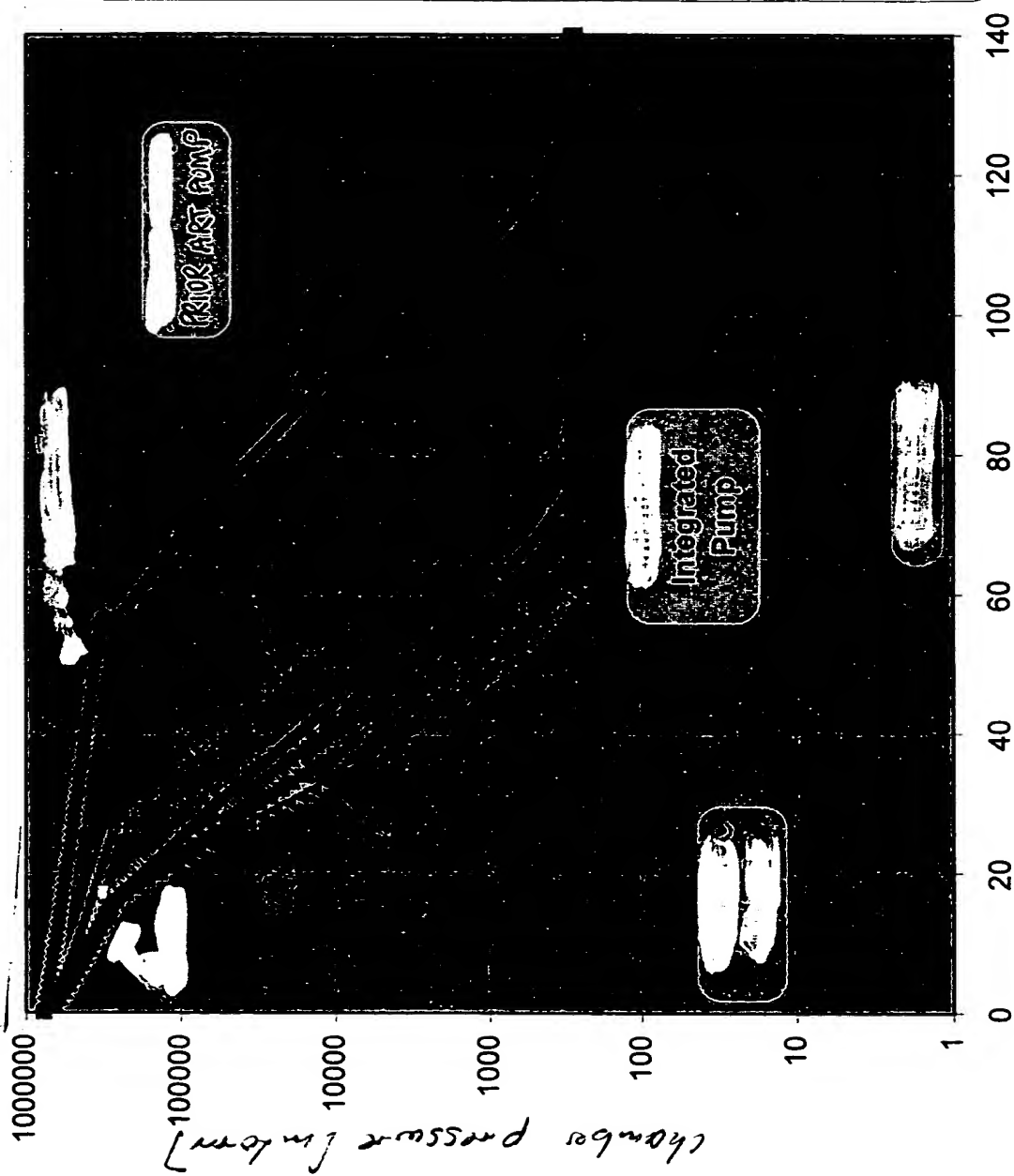


Fig. 9



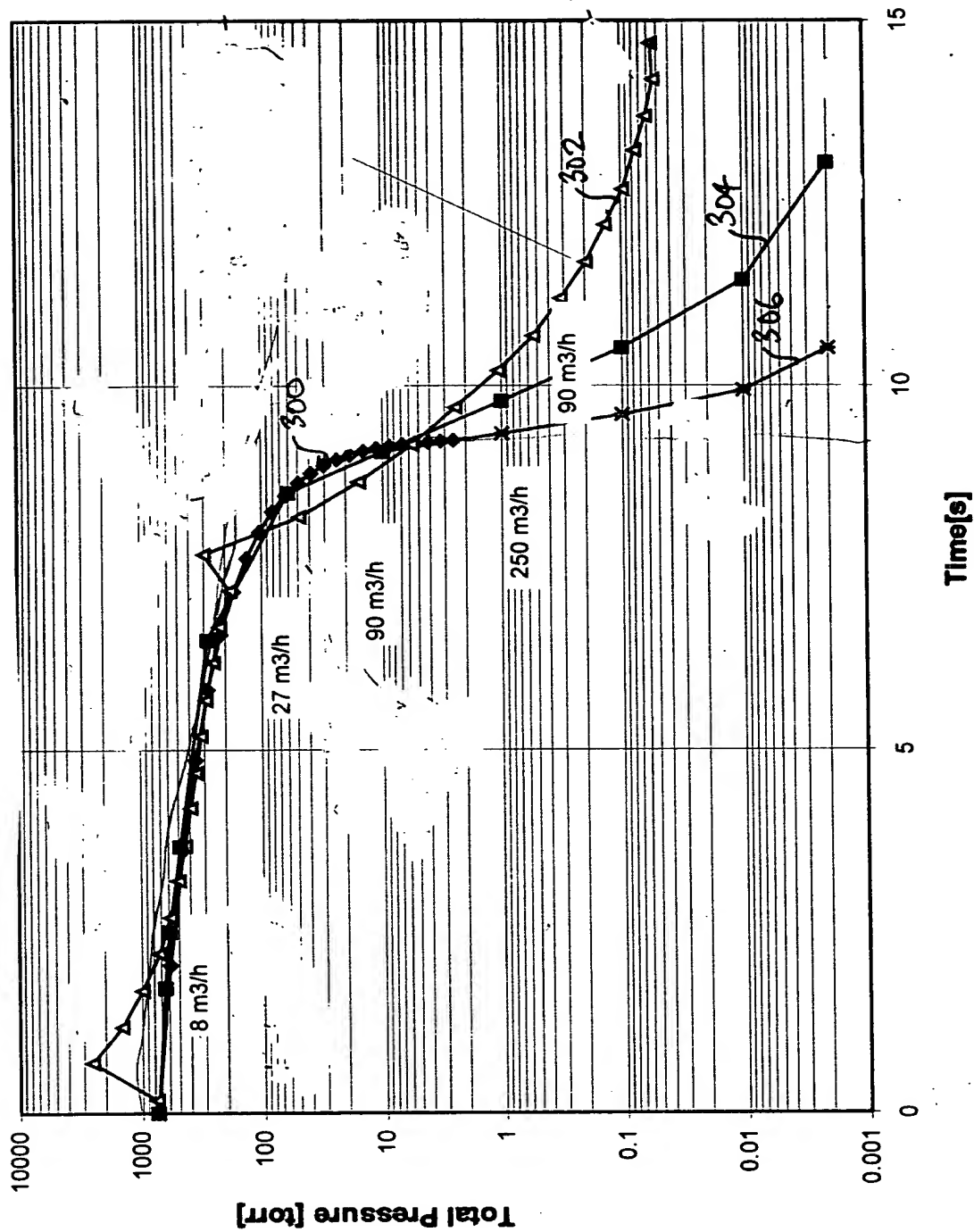
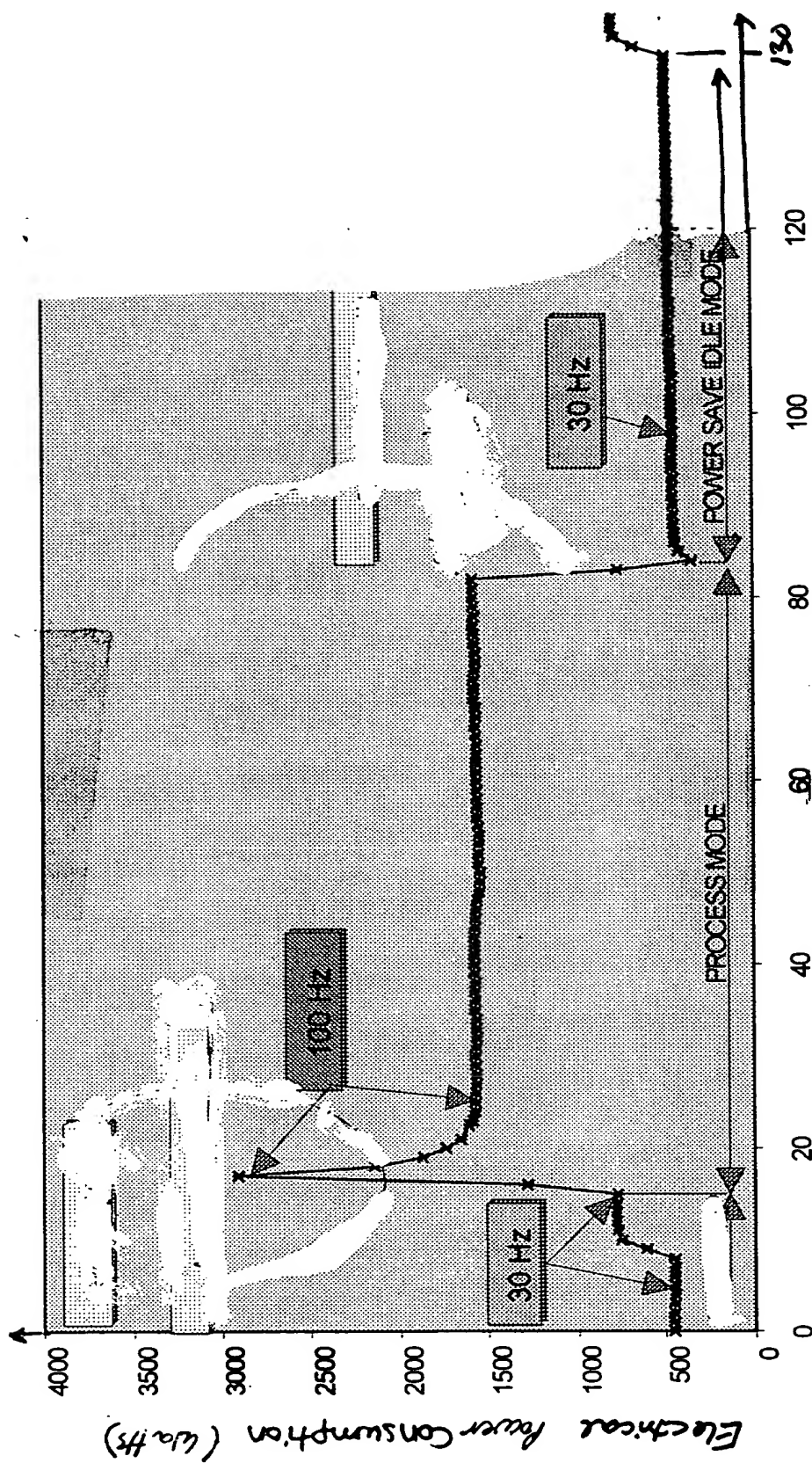


Fig 10,



[illegible]

Time (s)

Fig 11

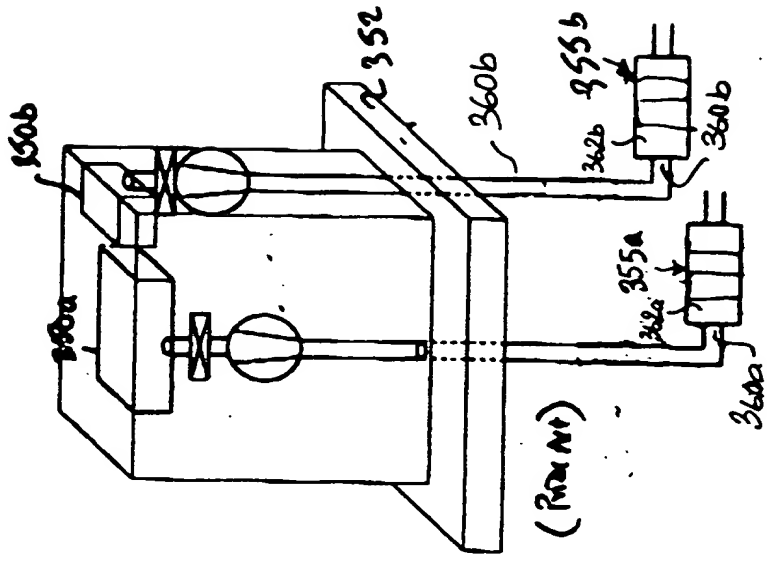


Fig. 12a

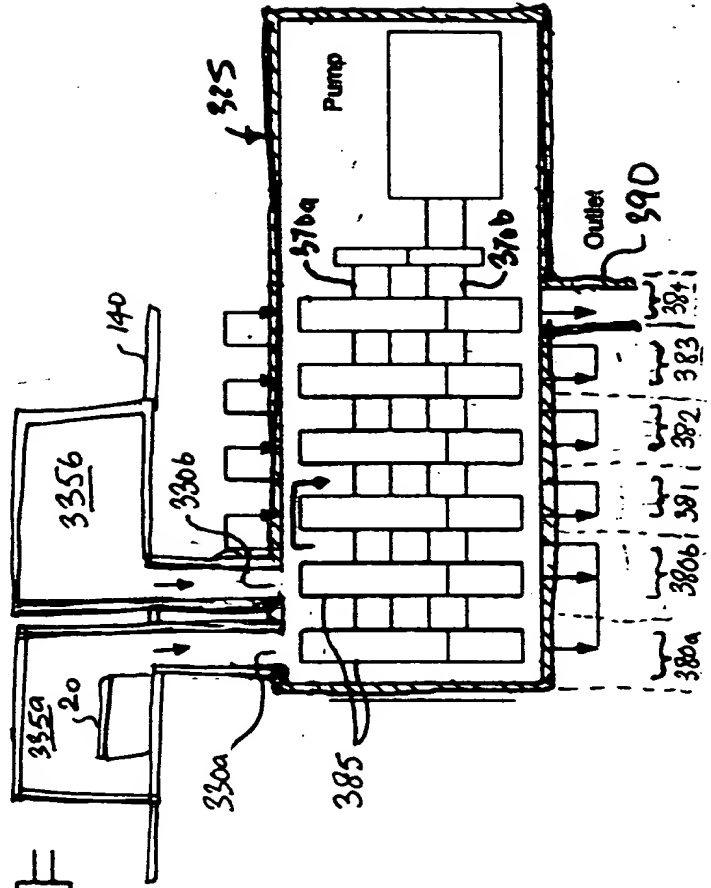


Fig. 12b

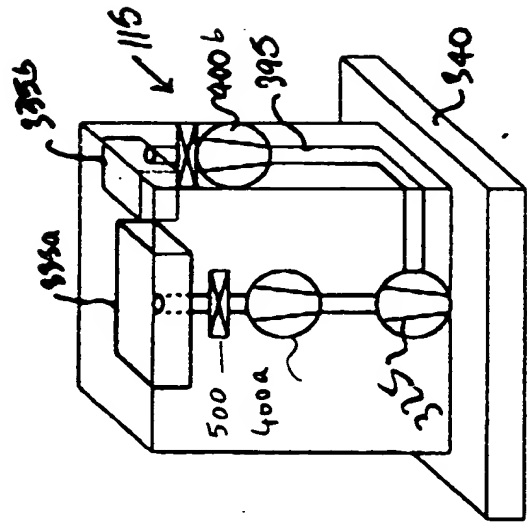


Fig. 12c



Fig. 12d

Fig. 12e

Fig. 12f

Fig. 12g

Fig. 12h

Fig. 12i

Fig. 12j

Fig. 12k

Fig. 12l

Fig. 12m

Fig. 12n

Fig. 12o